| Inde | ex of | Clai | ms |
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|  | Appli | cation | /Contr | ol No. |
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09/966,372

Examiner

Applicant(s)/Patent under Reexamination

UHLIK ET AL.

Art Unit

Tuan H. Nguyen

2643

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                        | im                   | Date     |                                     |              |   |            |          |          | $\neg$   |          |
|----------------------------|----------------------|----------|-------------------------------------|--------------|---|------------|----------|----------|----------|----------|
|                            |                      | $\vdash$ |                                     |              |   | <u> </u>   | Ť        |          | _        | Н        |
| Final                      | Original             | 10/24/05 |                                     |              |   |            |          |          |          |          |
| 1                          | 1                    | =        |                                     |              |   |            |          |          |          |          |
| 2                          | 2                    | =        |                                     |              | Г                                       | Т          |          | $\vdash$ | Т        | П        |
| 2                          | 3                    | =        | $\vdash$                            | $\vdash$     | ┢                                       | Н          | ┢        | Н        | ┢        | М        |
| 4                          | 1<br>2<br>3<br>4     | =        | $\vdash$                            | Н            |   | -          | -        | -        | -        | Н        |
| -                          | -                    | =        | ┢                                   |              | <del> </del>                            | ┝          | -        | -        | -        | Н        |
| 5                          | 5<br>6               | Ε        | ⊢                                   | -            | -                                       | -          | ┝        | $\vdash$ | ┝        | $\vdash$ |
| 7                          | 7                    | <u> </u> | ┝                                   |              | <u> </u>                                | L          | <u> </u> | $\vdash$ | <u> </u> | Н        |
|                            |                      | 1        |                                     | ⊢            | <u> </u>                                | -          | <u> </u> | H        | <u> </u> | Н        |
| 8                          | 8                    | =        | <u> </u>                            | -            | <u> </u>                                | <u> </u>   | _        | _        | -        |          |
| 9                          |                      | =        | <u> </u>                            |              | _                                       |            | _        |          |          | Н        |
| 10                         | 10                   | =        | <u> </u>                            |              |   | <u> </u>   | <u> </u> | Щ        | <u> </u> | Ш        |
| 11                         | 11                   | =        | <u> </u>                            | $\vdash$     | _                                       | <u> </u>   | $\vdash$ |          | <u> </u> | Щ        |
| 12                         | 12                   | =        | <u> </u>                            | $\vdash$     | <u> </u>                                | _          | _        |          | _        | Ш        |
| 13                         | 13                   | =        | <u> </u>                            | _            | L_                                      |            | <u> </u> | _        | <u> </u> | Ш        |
| 13<br>14<br>15<br>16<br>17 | 12<br>13<br>14<br>15 | =        | <u> </u>                            | _            | <u> </u>                                | <u> </u>   | <u> </u> |          | _        | Ш        |
| 15                         | 15                   | =        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oxed{oxed}$ |   | L-         | <u> </u> |          | _        | Ш        |
| 16                         | 16<br>17             | =        | $oxed{oxed}$                        |              | <u>_</u>                                | <u>L</u> _ | <u>L</u> | Ш        |          | Ш        |
| 17                         | 17                   | =        | L                                   | 匚            | L                                       | <u></u>    | <u></u>  | L        |          |          |
| 18                         | 18                   | =        | L                                   | $oxed{oxed}$ |   |            |          |          |          |          |
| 19                         | 19                   | =        | L                                   |              |   |            | L        |          |          |          |
| 20                         | 20                   | =        |                                     |              |   |            |          |          |          |          |
| 21                         | 21                   | =        |                                     |              |   |            |          |          |          |          |
| 22                         | 22                   | =        |                                     |              |   |            |          |          | l        |          |
| 22<br>23                   | 22<br>23             | =        |                                     |              |   | П          |          | Г        |          |          |
| 24<br>25                   | 24<br>25<br>26       | =        |                                     |              |   |            |          |          |          |          |
| 25                         | 25                   | =        |                                     |              |   |            |          |          |          |          |
| 26                         | 26                   | =        |                                     |              |   |            |          |          |          |          |
| 27<br>28                   | 27<br>28<br>29       | =        |                                     |              |   |            |          |          |          |          |
| 28                         | 28                   | =        | L                                   |              | L                                       | <u> </u>   |          |          |          |          |
| 29                         | 29                   | =        |                                     |              |   |            |          |          |          |          |
| 30                         | 30                   | =        |                                     |              |   |            |          |          |          |          |
| 31                         | 31                   | =        |                                     |              |   |            |          |          |          |          |
| 32                         | 32                   | =        |                                     |              |   |            |          |          |          |          |
| 32<br>33                   | 32<br>33             | =        | L                                   |              |   |            |          |          | $L^-$    |          |
| 34                         | 34                   | =        |                                     |              |   |            |          |          | L        |          |
| 35                         | 35                   | =        |                                     |              | L                                       |            |          |          |          |          |
| 36                         | 36                   | =        |                                     |              |   |            |          |          |          |          |
| 37                         | 37                   | =        |                                     |              |   |            |          |          |          |          |
| 38                         | 38<br>39             | =        |                                     |              |   |            |          |          |          |          |
| 39                         | 39                   | =        |                                     |              |   |            |          |          |          |          |
| 40                         | 40                   | =        |                                     |              |   |            |          |          |          |          |
|                            | 41                   | L        | L                                   | L            | L                                       | L          | L        |          |          |          |
|                            | 42                   |          |                                     | $\Box$       |   |            |          |          |          |          |
|                            | 43                   |          |                                     |              |   |            |          |          |          |          |
|                            | 44                   |          |                                     |              |   |            |          |          |          |          |
|                            | 45                   |          |                                     |              |   |            |          |          | L        |          |
|                            | 46                   |          |                                     |              |   |            |          |          |          |          |
|                            | 47                   |          |                                     |              |   |            |          |          |          |          |
|                            | 48                   |          |                                     |              |   |            |          |          |          |          |
|                            | 49                   | $\Box$   |                                     | Ĺ            | ـــــــــــــــــــــــــــــــــــــــ |            | L.       |          |          |          |
|                            | 50                   |          |                                     |              |   |            |          |          |          |          |

| Cla          | Claim    |          | Date         |              |          |          |              |                                     |                 |                 |  |
|--------------|----------|----------|--------------|--------------|----------|----------|--------------|-------------------------------------|-----------------|-----------------|--|
|              |          |          |              |              |          | "        |              |                                     |                 |                 |  |
| <u>a</u>     | i.       |          |              |              |          |          |              |                                     |                 |                 |  |
| Final        | Original |          |              |              |          | l        |              |                                     |                 |                 |  |
|              | ادا      |          |              |              |          |          |              |                                     |                 |                 |  |
|              | 51       |          | Г            |              |          |          |              |                                     |                 | М               |  |
|              | 52       |          | Г            |              | П        |          | П            |                                     | П               | П               |  |
|              | 53       |          | Г            |              |          |          | -            |                                     |                 | П               |  |
|              | 54       |          |              |              |          |          |              |                                     | П               | П               |  |
|              | 55       | -        | Γ            |              |          | Г        |              |                                     |                 | П               |  |
|              | 56       | П        |              | Γ            |          | Г        |              |                                     |                 | ГТ              |  |
|              | 57       |          |              |              |          |          |              |                                     |                 |                 |  |
|              | 58       |          |              |              |          |          |              |                                     |                 |                 |  |
|              | 59       |          |              |              |          |          |              |                                     |                 |                 |  |
|              | 60       |          |              |              |          |          |              |                                     |                 |                 |  |
|              | 61       |          |              |              |          |          |              |                                     |                 |                 |  |
|              | 62       |          |              |              |          |          |              |                                     |                 |                 |  |
|              | 63       |          |              | $\Box$       |          |          |              |                                     |                 |                 |  |
|              | 64       |          |              | 匚            |          |          |              |                                     |                 |                 |  |
|              | 65       |          |              |              |          |          |              |                                     |                 |                 |  |
|              | 66       |          |              | $\Box$       |          |          |              |                                     |                 | ╚               |  |
|              | 67       |          |              | L            |          |          | Ĺ            |                                     |                 |                 |  |
|              | 68       |          |              | $\Box$       |          |          | $\Box$       |                                     |                 | ╚               |  |
|              | 69       |          | ·            |              |          |          |              |                                     |                 |                 |  |
|              | 70       |          |              |              |          |          |              |                                     |                 |                 |  |
|              | 71       |          |              |              |          |          |              |                                     |                 |                 |  |
|              | 72<br>73 |          |              | L            |          |          |              |                                     |                 |                 |  |
|              | 73       |          |              | Ľ            | Ľ        |          |              |                                     | 匚               |                 |  |
|              | 74<br>75 | تـــا    | Ĺ            | oxdot        | $\Box$   |          | لَــا        |                                     | $\Box$          | Ш               |  |
|              | 75       |          | $\Box$       | oxdot        | $\Box$   | oxdot    | $\Box$       | تــــا                              | oxdot           | لـــا           |  |
| <u> </u>     | 76       | <u> </u> | <u> </u>     | <u> </u>     | L        | $\vdash$ | <u> </u>     | L                                   | Щ               | Ш               |  |
| <u> </u>     | 77       | _        | $\vdash$     | <u> </u>     | <u> </u> | <u> </u> | L            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ               | Ш               |  |
| , I—         | 78       | _        | $\vdash$     | $\vdash$     | $\vdash$ | <u> </u> | <u> </u>     | lacksquare                          | Щ               | Щ               |  |
| <b> </b>     | 79       |          | <u> </u>     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | <u> </u>                            | $\vdash$        | Щ               |  |
| <u> </u>     | 80       | <u> </u> | <u> </u>     | <u> </u>     | Ļ        | <u> </u> | <u> </u>     | $\vdash$                            | Щ               | Ы               |  |
| <u> </u>     | 81       | $\vdash$ | $\vdash$     | <del> </del> | <u> </u> | $\vdash$ | <u> </u>     | $\vdash$                            | $\vdash$        | Щ               |  |
| <u> </u>     | 82       | <u> </u> | $\vdash$     | <u> </u>     | <u> </u> | $\vdash$ | L            | L                                   | $\vdash$        | Ш               |  |
|              | 83       |          | $\vdash$     | $\vdash$     | H        | $\vdash$ | $\vdash$     | $\vdash$                            | $\vdash \vdash$ | $\vdash \vdash$ |  |
|              | 84       | <u> </u> | -            | $\vdash$     | $\vdash$ | <b> </b> | <u> </u>     | <u> </u>                            | Щ               | Ш               |  |
| -            | 85       | -        | H            | $\vdash$     | H        | $\vdash$ | H            | <b> -</b> -                         | $\vdash\vdash$  | Н               |  |
|              | 86       |          | <del> </del> | <del> </del> | H        | H        | H            | $\vdash$                            | $\vdash \vdash$ | Н               |  |
| <b> </b>     | 87<br>88 | <u> </u> | H            | H            |          | H        | H            | _                                   | $\vdash$        | $\vdash$        |  |
|              | 88<br>89 | _        | H            | <del> </del> | H        | H        | H            | H                                   | $\vdash$        | Н               |  |
| -            | 90       | H        | $\vdash$     | -            | Н        |          | $\vdash$     | $\vdash$                            | $\vdash$        | $\vdash$        |  |
|              | 91       | -        | $\vdash$     | $\vdash$     |          | -        | -            | H                                   | $\vdash \vdash$ | Н               |  |
| <b>-</b>     | 92       |          | H            | ┢            | H        | $\vdash$ | Н            | -                                   | $\vdash \vdash$ | $\vdash \vdash$ |  |
| <del> </del> | 93       |          | -            | $\vdash$     | -        | $\vdash$ |              | ┝                                   | $\vdash$        | $\vdash$        |  |
|              | 94       | -        | $\vdash$     | $\vdash$     | -        | Η-       | <del> </del> | $\vdash$                            | $\vdash$        | $\vdash$        |  |
| -            | 95       |          | H            |              |          | H        | Н            | Н                                   | $\vdash$        | Н               |  |
|              | 96       | <u> </u> | $\vdash$     | $\vdash$     | -        | $\vdash$ |              | $\vdash$                            | $\vdash$        | Н               |  |
|              | 97       |          | H            | H            | Н        |          | Н            | Н                                   | $\vdash$        | Н               |  |
|              | 98       | Ι-,      | Н            | H            | Н        |          | Н            | Н                                   | $\vdash$        | $\vdash \vdash$ |  |
|              | 99       |          | Т            |              | _        | Т        |              | _                                   | П               | Н               |  |
| <u> </u>     | 400      |          | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | Η                                   |                 | $\vdash$        |  |

100

| Cli   | aim                             |          |  |  | (  | Date   |  |  |  | $\neg$          |
|-------|---------------------------------|----------|--|--|--|--|--|--|--|-----------------|
|       |                                 |          |  |  |  |  |  |  |  | П               |
| a     | Original                        |          |  |  |  |  |  |  |  | ll              |
| Final | rig                             |          |  |  |  |  |  |  |  |                 |
| _     | 0                               |          |  |  |  |  | l  |  |  |                 |
|       | 101                             |          |  | -  | -  | ┢  | $\vdash$   | _  |  | Н               |
|       | 101<br>102                      | -        |  | $\vdash$   | -  | $\vdash$   | -  | -  | _  | Н               |
|       | 103                             |          |  | <del> </del>                                     | -  | ┢  | ┢  | _  | -  | Н               |
|       | 104                             | -        |  | $\vdash$   | -  | $\vdash$   | $\vdash$   |  | -  | $\vdash$        |
|       | 103<br>104<br>105               | -        | _  | $\vdash$   |  | -  | -  | _  |  | Н               |
|       | 106                             |          |  | $\vdash$   |  | $\vdash$   | ┢  |  | -  | Н               |
|       | 106<br>107                      |          |  | $\vdash$   |  | Н  | $\vdash$   |  | -  | $\vdash$        |
|       | 108                             | -        |  | $\vdash$   | -  | -  | <del>                                     </del> | $\vdash$   |  | Н               |
|       | 109                             | -        |  | $\vdash$   |  | -  | -  |  | ┢  | Н               |
|       | 110                             |          |  | Ι.   | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$   | Н               |
|       | 111                             |          |  | $\vdash$   | _  | $\vdash$   | $\vdash$   |  | $\vdash$   | $\vdash \vdash$ |
|       | 112                             |          |  | $\vdash$   | $\vdash$   | $\vdash$   | _  | _  | Н  | H               |
|       | 113                             |          |  |  |  | $\vdash$   | $\vdash$   |  | $\vdash$   | Н               |
|       | 111<br>112<br>113<br>114<br>115 |          |  | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$   | Н  | H               |
|       | 115                             | $\vdash$ | $\vdash$   | $\vdash$   | <del>                                     </del> | -  |  | _  | $\vdash$   | H               |
|       | 116                             | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | -  |  | H               |
|       | 117                             | -        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | 一  | $\vdash$   | Н               |
|       | 118<br>119<br>120               | $\vdash$ | $\vdash$   | ┢  | $\vdash$   | ┢─   | <del>                                     </del> | <del> </del>                                     | -  | H               |
|       | 119                             | $\vdash$ | _  | $\vdash$   | $\vdash$   | -  |  | -  | -  | Н               |
|       | 120                             |          |  |  | $\vdash$   |  | -  | $\vdash$   | -  | Н               |
|       | 121                             |          | -  |  |  |  | -  | H  |  | H               |
|       | 122                             | -        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |  | H               |
|       | 122<br>123<br>124               | -        | -  | ┢╾   | ┢  | ┢  | $\vdash$   | ⊢  | $\vdash$   | H               |
|       | 124                             | H        | _  | ┢  | $\vdash$   |  | ┢  | $\vdash$   | $\vdash$   | $\vdash$        |
|       | 125                             |          | -  | -  | -  | ┢  | $\vdash$   | -  | $\vdash$   | Н               |
|       | 125<br>126                      | Н        | -  | -  | -  | H  | H  | H  | $\vdash$   | H               |
|       | 127<br>128<br>129               | ١,       |  | -  | -  | -  | H  |  | -  | $\vdash$        |
|       | 128                             | H        |  | $\vdash$   | $\vdash$   | -  | ┝  | -  | $\vdash$   | H               |
|       | 129                             |          |  | $\vdash$   | $\vdash$   | <u> </u>   | ┢┈   | _  | H  | H               |
|       | 130                             | _        |  | -  | -  | H  | ┢  | $\vdash$   | $\vdash$   | Н               |
|       | 130<br>131                      | ┝        | _  | ┢  | -  | -  | $\vdash$   | $\vdash$   | $\vdash$   | Н               |
|       | 132                             | $\vdash$ | _  | $\vdash$   | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | $\vdash$   | <del> </del>                                     | $\vdash$        |
|       | 133                             |          |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | Н               |
|       | 133<br>134                      | H        | <u> </u>   | $\vdash$   | <u> </u>   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | H               |
|       | 135                             | $\vdash$ | <del>                                     </del> | <del>                                     </del> |  | <del> </del>                                     | $\vdash$   | $\vdash$   | $\vdash$   | H               |
|       | 136                             | Н        | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$   |  | $\vdash$   | $\vdash$        |
|       | 136<br>137                      | $\vdash$ | _  | <u> </u>   | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   |  | H               |
|       | 138                             | $\vdash$ | $\vdash$   | <del> </del>                                     |  | $\vdash$   |  | $\vdash$   |  | H               |
| -     | 139                             | _        |  |  | $\vdash$   | $\vdash$   |  | $\vdash$   | $\vdash$   | Н               |
|       | 140                             | П        | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$   |  | $\vdash$   | $\vdash$        |
|       | 141                             | П        |  | $\vdash$   | $\vdash$   | Ι-   | <del>                                     </del> | $\vdash$   | _  | H               |
|       | 142                             |          |  | $\vdash$   |  |  |  |  | -  | Н               |
|       | 143                             | М        | $\vdash$   | Ι-   | $\vdash$   | $\vdash$   | _  |  | $\vdash$   | H               |
|       | 144                             | $\vdash$ |  | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | _  | $\vdash$   | Н               |
|       | 145                             |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -  |  |  | $\vdash \vdash$ |
|       | 146                             | _        | _  | $\vdash$   | _  | <del>                                     </del> | <del> </del>                                     | _  | $\vdash$   | H               |
|       | 147                             |          |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | H               |
|       | 148                             | H        | $\vdash$   | $\vdash$   | $\vdash$   | <u> </u>   | $\vdash$   | -  | $\vdash$   | Н               |
|       | 149                             | $\vdash$ | $\vdash$   | _  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | $\vdash$   | <del></del>                                      | $\vdash \vdash$ |
|       | 150                             | Н        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | ├  | $\vdash$   | Н               |
|       |                                 | L        | L  | L  |  | L  |  |  |  | لبــــا         |